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16711 U.S. PTO

PTO/SB/05 (08-03)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. IOI-024

First Inventor Robert Pawliuk

Title METHOD OF TREATING ARTHRITIS USING
LENIVIRAL VECTORS IN GENE THERAPY

Express Mail Label No. EL 931676878 US

U.S. PTO
10/08/2003
223896

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
1. NOT PAYING FEES AT THIS TIME2. Applicant claims small entity status.

See 37 CFR 1.27.

3. Specification [Total Pages 47]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Sheets 1]

a. Newly executed (original or copy)b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

- i.
-
- DELETION OF INVENTOR(S)**
-
- Signed statement attached deleting inventor(s)
-
- named in the prior application,
-
- see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: PCT/US02/08711

Prior application information: Examiner Not Yet Assigned Art Unit: N/A

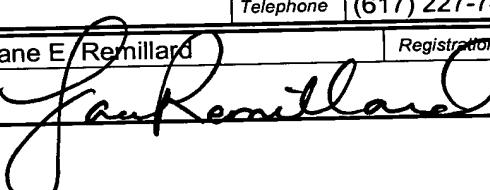
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number: 00959 OR Correspondence address belowName LAHIVE & COCKFIELD, LLP
Giulio A. DeConti, Jr.

Address 28 State Street

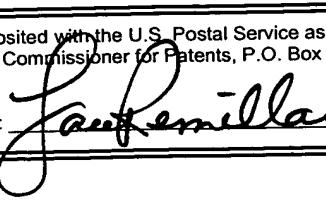
City Boston State MA Zip Code 02109
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Name (Print/Type) Jane E. Remillard Registration No. (Attorney/Agent) 38,872

Signature  Date October 15, 2003

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Dated: October 15, 2003

Signature:  (Jane E. Remillard)

Application No. (if known):

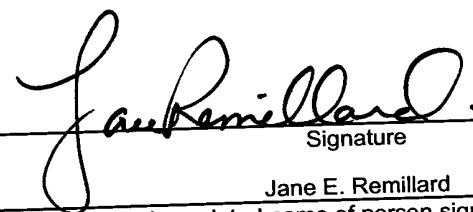
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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet